

**Technical Work Group
of the Imperial Valley Study Group
Minutes of June 14, 2005 Meeting**

In attendance: David Barajas, Mark Etherton, IID; John Kyei, CA ISO; Robert Jackson, SDG&E; Phillip Leung, Mohan Kondragunta, SCE; Dave Olsen, CEERT/CEC; Dale Stevens, MidAmerican Energy; Jose Santamaria, CFE. The meeting convened at 3:05 PM and adjourned at 4:10 PM. Minutes were recorded by Dave Olsen.

Stability Analysis/Overloads: Mark Etherton sent four large files with updated stability plots for the Heavy Summer and the Light Autumn cases, a complete list of the switch decks utilized in the analysis, and new pivot tables summarizing the ratings on each line. The updates added information on the CFE system, and included rotor angles (plus correcting one title that mistakenly referenced SPS when no SPS was included).

Action Items: Jose will look at the overloads on the CFE system and send a list of mitigations to the group; Robert Jackson will do the same for overloads on the SSDG&E system. (There are no overloads on the IID system, and the only overload on the SCE system, Devers-Oak Valley, will be addressed through a pending upgrade).

Post-Transient Analysis: SDG&E hopes to release the contract with Navigant for this study this week. If so, we may be able to have preliminary results by our June 30 meeting.

Production Simulations: John has begun benchmarking the (ABB Market Simulator) model the ISO will use for the production simulations. He needs the 8760 hourly load profile for the IID system (perhaps the hourly data IID provided to SSG-WI for its 2008 WECC-wide modeling. John will update this for 2014 loads/resources.

TWG Final Report: Olsen, David Barajas and Mark Etherton will constitute a report-writing sub-committee to take the lead in drafting initial sections of the TWG report. They will write and send a first draft to review by July 8. All TWG participants should be prepared to edit/send comments on this draft **by July 15**. Srs. Olsen/Barajas/Etherton will incorporate those comments and circulate a second draft before our next meeting on July 21. We will review the draft on our call on July 21.

Website Postings: The CEC has no formal policy listing materials permitted or prohibited to be posted. It has reviewed the materials now posted on the IVSG website (www.energy.ca.gov/ivsg/) and does not believe the transmission diagrams there pose a security risk. The determination of what we post is therefore up to IVSG participants. Mohan will review the diagrams of the transmission study alternatives now posted and check with SCE management to make sure that the company is comfortable with the information shown. No other participant has objections to the material now posted, or to adding updates of our study alternatives in a similar manner.

Report to STEP (June 29) and to Full Study Group (June 30): Olsen and/or Juan Carlos Sandoval will give STEP a brief progress report on our work on June 29. On June 30, David

Barajas will summarize the results of our power flow runs; Mark Etherton will describe our stability studies; and Robert Jackson will outline the post-transient results to the full Study Group meeting that afternoon.

Next Meetings:

June 30, 9:00-12:30 PM), at Sempra, 101 Ash St., San Diego, conference room 06-235. In-person meeting, before the **Full Study Group meeting 1:00-5:00 PM** that afternoon. We will review the post-transient study results, overload mitigations, the schedule for production simulations, and progress on our final report.

July 21, 2:00-4:00 PM, phone meeting. Merrie Lamb will send the call-in numbers.